LIST OF CONTENTS

VOLUME 204

Page

ANDERSON, J. L., Reproduction in the Nyala (*Tragelaphus angasi*) (Mammalia: Ungulata) 129

ARNOLD, E. N., Ecology of lowland lizards in the eastern United Arab Emirates . . 329

BLUHM, C. K., PHILLIPS, R. E., BURKE, W. H. and GUPTA, G. N., Effects of male courtship and gonadal steroids on pair formation, egg-laying, and serum LH in Canvasback ducks (*Aythya valisineria*) 185

BOAG, P. T., Growth and allometry of external morphology in Darwin's finches (*Geospiza*) on Isla Daphne Major, Galapagos 413

CAMBRAY, J. A. and BRUTON, M. N., The reproductive strategy of a barb, *Barbus anoplus*, (Pisces: Cyprinidae) colonizing a man-made lake in South Africa 143

CENINI, P., The ultrastructure of leucocytes in carp (*Cyprinus carpio*) 509

CHURCHFIELD, S., An investigation of the population ecology of syntopic shrews inhabiting water-cress beds 229

CHURCHFIELD, S., Dietary separation in three species of shrew inhabiting water-cress beds 211

DICKMAN, C. R., and DONCASTER, C. P., Responses of small mammals to Red fox (*Vulpes vulpes*) odour 521

DUDGEON, D. and MORTON, B., Site selection and attachment duration of *Anodonta woodiana* (Bivalvia: Unionacea) glochidia on fish hosts 355

GABRIEL, J. M., The effect of animal design on jumping performances 533

GODDARD, P., Morphology, growth, food habits and population characteristics of the Smooth snake *Coronella austriaca* in southern Britain 241

JOLLIE, M., Development of the head and pectoral skeleton of *Polypterus* with a note on scales (Pisces: Actinopterygii) 469

KESSLER, A., VERMEULEN, J. W. C. and WAPENAAR, P., Partitioning of the space in tussocks of the sedge, *Carex distans*, during winter, by a spider community 259

KIMSEY, L. S., The behavioural and structural aspects of grooming and related activities in euglossine bees (Hymenoptera: Apidae) 541

KIRK, W. D. J., Pollen-feeding in thrips (Insecta: Thysanoptera) 107

KLEMPERER, H. G., Nest construction, fighting, and larval behaviour in a geotrupine dung beetle, *Ceratophyus hoffmannseggi* (Coleoptera: Scarabaeidae) 119

MALLATT, J., Early vertebrate evolution: pharyngeal structure and the origin of gnathostomes 169

MILLER, P. J., The gobiid fishes of temperate Macaronesia (eastern Atlantic) 363

NERINI, M. K., BRAHAM, H. W., MARQUETTE, W. M. and RUGH, D. J., Life history of the bowhead whale, *Balaena mysticetus* (Mammalia: Cetacea) 443

NOTES AND ABSTRACTS—Scientific Meetings of the Society 101

NOTES FROM THE MAMMAL SOCIETY—No. 49 563

Mountain hare, *lepus timidus*, bags and moor management, by R. HEWSON, p. 563; Tail-tip albinism and other coat variations in forest rodents of central Belgium, by V. BAUCHAU, p. 565; A technique for monitoring changes in small mammal habitats, by R. H. MONRO, p. 566; The use of ferrets (*Mustela furo*) in the study and management of the European wild rabbit (*Oryctolagus cuniculus*), by D. P. COWAN, p. 570; The periods of conception and parturition in feral Reeves' muntjac (*Muntiacus reevesi*) in southern

England, based upon age of juvenile animals, by THE LATE D. I. CHAPMAN, N. G. CHAPMAN and O. DANSIE, p. 575; Observations on hypogonadism in a perruque Sika deer (*Cervus nippon*), by THE LATE D. I. CHAPMAN, N. G. CHAPMAN, M. T. HORWOOD and E. H. MASTERS, p. 579; The occurrence of hilar rete glands in the ovaries of Grey seals (*Halichoerus grypus*), by I. L. BOYD, p. 585; Short distance location of hibernaculum by Little brown bats (*Myotis lucifugus*), by M. I. AVERY, P. A. RACEY and M. B. FENTON, p. 588.

PEHRSON, A. and LINDLÖF, B., Impact of winter nutrition on reproduction in captive Mountain hares (*Lepus timidus*) (Mammalia: Lagomorpha) 201

RIEPPEL, O., The cranial morphology of the fossorial lizard genus *Dibamus* with a consideration of its phylogenetic relationships 289

SCIENTIFIC REPORT 1982–1983 1

SHEPHERD, A. M., PERKINS, W. J., GREEN, R. J. and CLARK, S. A., A study of oesophageal structure in a nematode, *Aphelenchoides blastophthorus* (Aphelenchida), using computer graphics reconstruction from serial thin sections 271

THORPE, R. S., Multivariate patterns of geographic variation between the island and mainland population of the Eastern grass snake (*Natrix natrix natrix*) 551